

- 1) NO MORE THAN 12"(300MM) OF ADJUSTING RINGS MAY BE USED; HOWEVER NO MORE THAN ONE 2"50MM) ADJUSTING RING OR TWO RINGS IN TOTAL MAY BE USED.

  2) VALVE SHALL ALLON WITH THE CENTER OF VAULT OPENINGS.

  3) CONES SHALL BE ECCENTRIC.

  4) BUTTERFLY VALVES REQUIRE ECCENTRIC CONES.

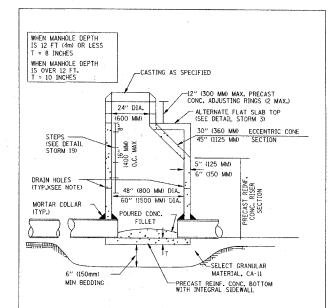
  5) WHEN ADJUSTMENTS ARE NECESARY, THEY WAS THE PERFORMED WITH A MAXIMUM OF MASTIC. (5-02.6) OR OFFICE RINGS SET IN A BED OF PREFORMED NON-HARDENING (MASTIC. (5-02.6) OR OFFICE RINGS SET IN A BED OF PREFORMED NON-HARDENING (MASTIC. (5-02.6) OR OFFICE RINGS SET IN A BED OF PREFORMED NON-HARDENING (MASTIC. (5-03.6) OR OFFICE RINGS SET IN A BED OF PREFORMED NON-HARDENING (MASTIC. (5-03.6) OR OFFICE RINGS SET IN A BED OF PREFORMED NON-HARDENING (MASTIC. (5-03.6) OR OFFICE RINGS (F-03.6) OR OFFIC

7) TAPPING SLEEVES SHALL BE CAST IRON MED Title: CAST IRON SLEEVE PRESSURE TAP VALVE VAULT DETAIL			NDARD DETAIL
Approved By:	DATE: 2/1/99	REV:	Detail:
	SCALE: NTS	1	WATER 8
		FINISH	GRADE
EXISTING DRAINAGE STRUCTURE WITH  NON-SHI		" MIN. 50MM)	PROPOSED PERFORATED DRAIN TILE
	LINDE	CONNECTI BE CORE	
		" (100MM) DIA.	SCHEDULE
6" (I50MM) MIN. PERFORATIONS	-3. M	6" (150MM) 6" (150 /4" (20MM) WA: IN. 6" (150MM)	OMM) MIN.
NON-WOVEN GEOTEXTILE SECTION	ON A-A	PERFORATED D 4" (100MM) DI/	RAIN TILE METER
SUBSURFACE DRAIN TILE & SUMP PUMP CONNECTION	City of N	aperville Stands	ard Detail

DATE: 2/17/98 REV:

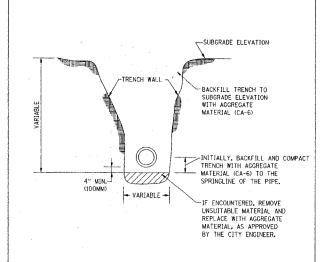
SCALE: NTS

STORM 8



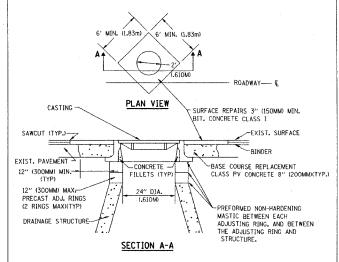
A MINIMUM OF 4 PRECAST OR DRILLED 25 MM (1") DIAMETER HOLES SHALL BE PROVIDED WITHIN 300 MM (1") OF THE LOWEST PIPE INVERT, THE HOLES SHALL BE DISTRIBUTED FOUNDISTANT AROUND THE PERIMETER OF THE STRUCTURE. A 300 MM (1) BY 300 MM (1) SOUARE OF UNDERDRAIN FILTER CLOTH MAYERAL SHALL BE FIXED OVER EACH DRAIN HOLE ON THE OUTSIDE OF THE STRUCTURE WITH

MANHOLE TYPE A	CITY OF NAPERVILLE STANDARD DETAIL
Approved By:	DATE: 6/12/01 REV: Detail:
	SCALE: NTS STORM 2



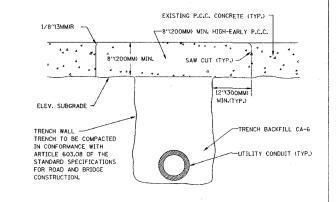
- 1. TRENCH BACKFILL MATERIAL SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 550.07 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
- THIS DETAIL SHALL BE USED WHEREVER THE TRENCH IS MADE IN THE PROPOSED ROADWAY SUBGRADE, AND WHEREVER THE INNER EDGE OF THE TRENCH IS CLOSER THAN 2' (GIOM) TO THE EDGE OF THE PROPOSED PAVEMENT, CURB AND GUTTER, AND SIDEWALK

STORM SEWER TRENCH SECTION IN PAVED AREAS	CITY OF NAPERVILLE STANDARD DETA	AIL
Approved By:	DATE: 2/24/98 REV: Detail:	
	SCALE, NITS STORM 10	)



- 1. ADJUSTMENTS SHALL BE PROTECTED BY A BARRICADE WITH TWO (2) LIGHTS, OR A 1" (25MM) THICK STEEL PLATE SHALL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR AT LOCATIONS WHERE ADJUSTMENTS ARE LOCATED IN TRAVEL LANES UNIT LITE SURPICE RESTORATION IS COMPLETE. THE PLATE SHALL BE PROTECTED FROM SLIDING AND SHALL HAVE BITUMINOUS RAMPS AS REQUIRED.
- WHEN ADJUSTMENTS RAISE A CASTING ABOVE THE ELEVATION OF THE EXISTING PAVEMENT SUBFACE, A BITUMINOUS MIXTURE SHALL BE PLACED AROUND THE CASTING, TRANSITIONED A DISTANCE OF 1' (300MM) HORIZONTAL FOR EACH INCH OF VERTICAL DISTANCE ABOVE THE EXISTING PAVEMENT, SUCH RAMPS SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL THE COMPLETION OF THE SURFACE RESTORATION.

CASTING ADJUSTMENTS FOR CITY OF NAPERVILLE STANDARD DETAIL STRUCTURES IN PAVED AREAS Approved By: DATE: 2/24/98 REV: STORM 6 SCALE: NTS



- 1. THE OPENING OF PAVEMENTS SHALL NOT BE ALLOWED WITHOUT FIRST RECEIVING A PERMIT FROM THE DEPARTMENT OF PUBLIC WORKS PER SECTION 9-1A-6 OF THE NAPERVILLE MUNICIPAL CODE.

  THE TRENCH SHALL BE BACKFILLED WITH AGGREGATE (CA-6) AND COMPACTED TO
- 95% OF THE STANDARD PROCTOR DENSITY. TRENCH SPOILS OR EXCAVATED MATERIAL SHALL BE DISCARDED BY THE CONTRACTOR, AT HIS EXPENSE, AT DUMP SITES OR IN A SUITABLE TASHION AS APPROVED BY THE CITY ENGINEER.

  3. PRIOR TO PLACING OF P.C.C. CONCRETE, THE EXPOSED EDGES OF ALL EXISTING PAVEMENT SHALL BE SAW CUT TO PROVIDE A SMOOTH, CLEAN EDGE, FREE OF LOOSE
- MATERIAL.
- MATERIAL.

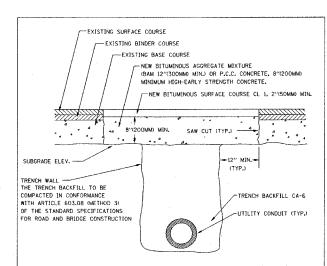
  4. EXCAVATIONS SHALL BE PROTECTED BY BARRICADES WITH FLASHING LIGHTS. A
  1"(25MM) STEEL PLATE SHALL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR AT
  LOCATIONS WHERE ADJUSTMENTS ARE LOCATED IN TRAVEL LANES UNTIL THE SURFACE
  RESTORATION IS COMPLETE. THE PLATE SHALL BE PROTECTED FROM SLIDING AND
  PROVIDED WITH BITUMINOUS RAMPS.

	TRENCH PAVING EXISTING RIGID	CITY	OF	NAP	ERVILLE	STANI	DARD DETA	IL.
Approved By:		DATE:	6/8/	98	REV:		Detail:	
		SCALE	: NTS				PVMT 14	

EARTH 😂

COUNTY SECTION. 96-00099-00-BR DUPAGE 62 STA. TO STA. A **tyco** INTERNATIONAL LTD. COMPANY FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

CONTRACT 83664



- 1. THE OPENING OF PAVEMENTS SHALL NOT BE ALLOWED WITHOUT FIRST RECEIVING A PERMIT FROM THE DEPARTMENT OF PUBLIC WORKS PER SECTION 9-1A-6 OF THE NAPERVILLE MUNICIPAL CODE.

  2. THE TRENCH SHALL BE BACKFILLED WITH AGGREGATE (CA-6) AND COMPACTED TO
- 2. THE THERMEN SHALL BE BACKFILLED WITH AGENCIAL ELECTRIC AND COMPACTED TO THE 95% OF THE STANDARD PROCTOR DENSITY. TRENCH SPOILS OR EXCAVATED MATERIAL SHALL BE DISCARDED BY THE CONTRACTOR. AT HIS EXPENSE, AT DUMP SITES OR IN A SUITABLE FASHION AS APPROVED BY THE CITY ENGINEER.

  PRIOR TO PLACING OF P.C.C. CONCRETE, THE EXPOSED EDGES OF ALL EXISTING PAYEMENT SHALL BE SAW CUT TO PROVIDE A SMOOTH, CLEAN EDGE, FREE OF LOOSE
- MATERIAL.
- 4. EXCAVATIONS SHALL BE PROTECTED BY BARRICADES WITH FLASHING LIGHTS. A EXCAVATIONS SHALL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR AT LOCATIONS WHERE ADJUSTMENTS ARE LOCATED IN TRAVEL LANES UNTIL THE SURFACE RESTORATION IS COMPLETE. THE PLATE SHALL BE PROTECTED FROM SLIDING AND PROVIDED WITH BITUMINOUS RAMPS

10: UTILITY TRENCH PAVING SECTION CITY OF NAPERVILLE STANDARD DETAIL THROUGH EXISTING FLEXIBLE PAVEMENTS DATE: 6/8/98 REV: PVMT 15 SCALE: NTS

